INDEX TO VOLUME 24

ADIRI, I. and Z. Eshcoli, "Single-Lane Bridge Serving Two-Lane Traffic," Vol. 24, No. 1, Mar. 1977, pp. 113–125.

ARMSTRONG, R. D., "A Primal Simplex Algorithm to Solve a Rectilinear Distance Facility Location Problem," Vol. 24, No. 4, Dec. 1977, pp. 619–625.

ARMSTRONG, R. D. and P. Sinha, "The Cyclic Separation Scheduling Problem," Vol. 24, No. 4, Dec. 1977, pp. 609–618.

ATKINSON, A. A., H. W. H. Zia, and C. H. Kriebel, "Optimal Investment, Pricing and Replacement of Computer Resources," Vol. 24, No. 4, Dec. 1977, pp. 537–547.

BALAS, E. and H. Samuelsson, "A Node Covering Algorithm," Vol. 24, No. 2, June 1977, pp. 213–233.

BEJA, A., "Optimal Reject Allowance with Constant Marginal Production Efficiency," Vol. 24, No. 1, Mar. 1977, pp. 21–33.

BESWICK, C. A., C. R. Mitchell, and A. S. Paulson, "The Effect of Correlated Exponential Service Times on Single Server Tandem Queues," Vol. 24, No. 1, Mar. 1977, pp. 95–112.

BLOCK, H. W., "Monotone Failure Rates for Multivariate Distributions," Vol. 24, No. 4, Dec. 1977, pp. 627–637.

BOTT, D. L., "Compound Distributions with Efficient Computation in Inventory Model Applications," Vol. 24, No. 3, Sept. 1977, pp. 407–416.

BRUMELLE, S. L., K. Sawaki, I. Vertinsky, and C. C. Huang, "Optimal Control for Multi-Servers Queueing Systems under Periodic Review," Vol. 24, No. 1, Mar. 1977, pp. 127–135.

BURDET, C., "Elements of a Theory in Non-Convex Programming," Vol. 24, No. 1, Mar. 1977, pp. 47–66.

BURDET, C., "Convex and Polaroid Extensions," Vol. 24, No. 1, Mar. 1977, pp. 67–82.

CHEN, H. J., "Estimation of Ordered Parameters from k Stochastically Increasing Distributions," Vol. 24, No. 2, June 1977, pp. 269–280.

CLARK, R. H. and R. A. Comerford, "A Manpower Planning/Capital Budgeting Model (MAP CAB)," Vol. 24, No. 1, Mar. 1977, pp. 163–185.

COHEN, M. A., "Joint Pricing and Ordering Policy for Exponentially Decaying Inventory with Known Demand," Vol. 24, No. 2, June 1977, pp. 257–268.

COMERFORD, R. A. and R. H. Clark, "A Manpower Planning/Capital Budgeting Model (MAPCAB)," Vol. 24, No. 1, Mar. 1977, pp. 163–185.

COMSTOCK, C. and J. G. Taylor, "Force-Annihilation Conditions for Variable-Coefficient Lanchester-Type Equations of Modern Warfare," Vol. 24, No. 2, June 1977, pp. 349–371.

COOPER, L. and L. J. LeBlanc, "Stochastic Transportation Problems and Other Network Related Convex Problems," Vol. 24, No. 2, June 1977, pp. 327–337.

DIRICKX, Y. M. I. and D. Koevoets, "A Continuous Review Inventory Model with Compound Poisson Demand Process and Stochastic Lead Time," Vol. 24, No. 4, Dec. 1977, pp. 577–585.

INDEX TO VOLUME 24—Continued

DISNEY, R. L. and I. Hannibalsson, "An M/M/1 Queue with Delayed Feedback," Vol. 24, No. 2, June 1977, pp. 281–291.

ESHCOLI, Z. and I. Adiri, "Single-Lane Bridge Serving Two-Lane Traffic," Vol. 24, No. 1, Mar. 1977, pp. 113–125.

FALK, J. E. and K. Hoffman, "A Nonconvex Max-Min Problem," Vol. 24, No. 3, Sept. 1977, pp. 441–450.

FISHMAN, G. S. and E. P. C. Kao. "A Procedure for Generating Time Dependent Arrivals for Queueing Simulations," Vol. 24, No. 4, Dec. 1977, pp. 661–666.

FRIEDMAN, Y., "A Model for the Determination of Optimal Interfiring Times," Vol. 24, No. 3, Sept. 1977, pp. 507–510.

GEOFFRION, A. M., "A Priori Error Bounds for Procurement Commodity Aggregation in Logistics Planning Models," Vol. 24, No. 2, June 1977, pp. 201–212.

GERTSBACH, I., "Probabilistic Ideas in Heuristic Algorithms for Solving Some Scheduling Problems," Vol. 24, No. 2, June 1977, pp. 339–348.

GOVINDARAJULU, Z., "A Note on Distribution-Free Tolerance Limits," Vol. 24, No. 2, June 1977, pp. 381–384.

GREENBERG, I., "Single Server Queues with Hyperexponential Service Times," Vol. 24, No. 3, Sept. 1977, pp. 451–455.

GROSS, D., H. D. Kahn, and J. D. Marsh, "Queueing Models for Spares Provisioning," Vol. 24, No. 4, Dec. 1977. pp. 521–536.

HABER, S. E. and S. Zacks, "Adaptive Forecasting of the Size of a Force Subject to Random Withdrawals," Vol. 24, No. 3, Sept. 1977, pp. 493–506.

HANNIBALSSON, I. and R. L. Disney, "An M/M/1 Queue with Delayed Feedback," Vol. 24, No. 2, June 1977, pp. 281–291.

HARRIS, B. and A. P. Soms, "Sequential Tests for Hypotheses Concerning the Product of Poisson Parameters with Applications to Problems in Reliability and Biometry," Vol. 24, No. 3, Sept. 1977, pp. 425–430.

HARRIS, C. M., "Communication and Correction," Vol. 24, No. 4, Dec. 1977, pp. 695–696.

HAYNE, W. J. and K. T. Marshall, "Two-Characteristics Markov-Type Manpower Flow Models," Vol. 24, No. 2, June 1977, pp. 235–255.

HEYMAN, D. P., "Optimal Disposal Policies for a Single-Item Inventory System with Returns," Vol. 24, No. 3, Sept. 1977, pp. 385–405.

HEYMAN, D. P. and B. Hoadley, "A Two Echelon Inventory Model with Purchases, Dispositions, Shipments, Returns and Transshipments," Vol. 24, No. 1, Mar. 1977, pp. 1–19.

HOADLEY, B. and D. P. Heyman, "A Two Echelon Inventory Model with Purchases, Dispositions, Shipments, Returns and Transshipments," Vol. 24, No. 1, Mar. 1977, pp. 1–19.

HOFFMAN, K. and J. E. Falk, "A Nonconvex Max-Min Problem," Vol. 24, No. 3, Sept. 1977, pp. 441–450.

HOLLOWAY, C. A., "A Note on the Strategy of Restriction and Degenerate Linear Programming Problems," Vol. 24, No. 2, June 1977, pp. 377–380.

HSIA, W. S., "Probability Density Function of a Stochastic Linear Programming Problem," Vol. 24, No. 3, Sept. 1977, pp. 417–424.

INDEX TO VOLUME 24—Continued

HUANG, C. C., S. L. Brumelle, K. Sawaki, and I. Vertinsky, "Optimal Control for Multi-Servers Queueing Systems under Periodic Review," Vol. 24, No. 1, Mar. 1977, pp. 127–135.

HUTCHINSON, G. K. and W. Szwarc, "Johnson's Approximate Method for the 3 x n Job Shop Problem," Vol. 24, No. 1, Mar. 1977, pp. 153–157.

JAYACHANDRAN, T., "A Note on a Confidence Interval for an Interclass Mean," Vol. 24, No. 1, Mar. 1977, pp. 197–200.

JENNERGREN, L. P., "The Divisionalized Firm Revisited—A Comment on Enzer's 'The Static Theory of Transfer Pricing'," Vol. 24, No. 2, June 1977, pp. 373–376.

JENSEN, G. L., A. S. Paulson, and P. Sullo, "Explicit Steady State Solutions for a Particular $M^{(X)}/M/1$ Queueing System," Vol. 24, No. 4, Dec. 1977, pp. 651–659.

KAHN, H. D., J. D. Marsh, and D. Gross, "Queueing Models for Spares Provisioning," Vol. 24, No. 4, Dec. 1977, pp. 521–536.

KAKUMANU, P., "Relation between Continuous and Discrete Time Markovian Decision Problems," Vol. 24, No. 3, Sept. 1977, pp. 431–439.

KALLIO, M., "Computing Bounds for the Optimal Value in Linear Programming," Vol. 24, No. 2, June 1977, pp. 301–308.

KAO, E. P. C., and G. S. Fishman, "A Procedure for Generating Time Dependent Arrivals for Queueing Simulations," Vol. 24, No. 4, Dec. 1977, pp. 661–666.

KARMARKAR, U. S. and N. R. Patel, "The One-Period, N-Location Distribution Problem," Vol. 24, No. 4, Dec. 1977, pp. 559–575.

KENNINGTON, J. L., "Solving Multicommodity Transportation Problems Using a Primal Partitioning Simplex Technique," Vol. 24, No. 2, June 1977, pp. 309–325.

KHAN, A. W. and S. S. Panwalkar, "A Convex Property of an Ordered Flow Shop Sequencing Problem," Vol. 24, No. 1, Mar. 1977, pp. 159–162.

KOEVOETS, D. and Y. M. I. Dirickx, "A Continuous Review Inventory Model with Compound Poisson Demand Process and Stochastic Lead Time," Vol. 24, No. 4, Dec. 1977, pp. 577–585.

KRIEBEL, C. H., A. A. Atkinson, and H. W. H. Zia, "Optimal Investment, Pricing and Replacement of Computer Resources," Vol. 24, No. 4, Dec. 1977, pp. 537–547.

LAW, A. M., "Confidence Intervals in Discrete Event Simulation: A Comparison of Replication and Batch Means," Vol. 24, No. 4, Dec. 1977, pp. 667–678.

LEBLANC, L. J. and L. Cooper, "Stochastic Transportation Problems and Other Network Related Convex Problems," Vol. 24, No. 2, June 1977, pp. 327–337.

MANN, N. R., "An F Approximation for Two-Parameter Weibull and Lognormal Tolerance Bounds Based on Possibly Censored Data," Vol. 24, No. 2, March 1977, pp. 187–196.

MARSH, J. D., D. Gross, and H. D. Kahn, "Queueing Models for Spares Provisioning," Vol. 24, No. 4, Dec. 1977, pp. 521–536.

MARSHALL, K. T. and W. J. Hayne, "Two-Characteristic Morkov-Type Manpower Flow Models," Vol. 24, No. 2, June 1977, pp. 235–255.

MATTHEWS, D. E., "Probabilistic Priorities in the M/G/1 Queue," Vol. 24, No. 3, Sept. 1977, pp. 457–462.

MATTHEWS, J. P., "Computation of Constrained Optimum Quantities and Reorder Points for Time-Weighted Backorder Penalties," Vol. 24, No. 4, Dec. 1977, pp. 679–690.

INDEX TO VOLUME 24—Continued

MITCHELL, C. R., A. S. Paulson, and C. A. Beswick, "The Effect of Correlated Exponential Service Times on Single Server Tandem Queues," Vol. 24, No. 1, Mar, 1977, pp. 95–112.

MJELDE, K. M., "An Analytical Minefield Evaluation Model without Space Averages," Vol. 24, No. 4, Dec. 1977, pp. 639–650.

OLSEN, D. E., "A Note on the Relationship between Correlation and Circular Error Probability (CEP)," Vol. 24, No. 3, Sept. 1977, pp. 511–516.

OWEN, G., "Characterization of the Nucleolus for a Class of n-Person Games," Vol. 24, No. 3, Sept. 1977, pp. 463–472.

PANWALKER, S. S. and A. W. Khan, "A Convex Property of an Ordered Flow Shop Sequencing Problem," Vol. 24, No. 1, Mar. 1977, pp. 159–162.

PATEL, N. R. and U. S. Karmarker, "The One-Period, N-Location Distribution Problem," Vol. 24, No. 4, Dec. 1977, pp. 559–575.

PAULSON, A. S., C. A. Beswick, and C. R. Mitchell, "The Effect of Correlated Exponential Service Times on Single Server Tandem Queues," Vol. 24, No. 1, Mar. 1977, pp. 95–112.

PAULSON, A. S., P. Sullo, and G. L. Jensen, "Explicit Steady State Solutions for a Particular M(X)/M/1 Queueing System," Vol. 24, No. 4, Dec. 1977, pp. 651–659.

RAJARAMAN, M. K., "A Parallel Sequencing Algorithm for Minimizing Total Cost," Vol. 24, No. 3, Sept. 1977, pp. 473–481.

REESE, R. M. and A. C. Stedry, "A Chance-Constrained Distribution Problem," Vol. 24, No. 1, Mar. 1977, pp. 35–45.

ROBINSON, R. T., "A Bayesian Approach to Evaluating Military Investments in Product Improvement and Testing," Vol. 24, No. 4, Dec. 1977, pp. 587–608.

RODRIGUEZ, E. P., M. L. Utter, and H. I. Stern, "Cyclical Job Sequencing on Multiple Sets of Identical Machines," Vol. 24, No. 1, Mar. 1977, pp. 137–151.

ROTH, A. E., "A Note on Values and Multilinear Extensions," Vol. 24, No. 3, Sept. 1977, pp. 517–520.

SAMUELSSON, H. and E. Balas, "A Node Covering Algorithm," Vol. 24, No. 2, June 1977, pp. 213–233.

SAWAKI, K., I. Vertinsky, C. C. Huang, and S. L. Brumelle, "Optimal Control for Multi-Servers Queueing Systems under Periodic Review," Vol. 24, No. 1, Mar. 1977, pp. 127–135.

SCHAIBLE, S., "A Note on the Sum of a Linear and Linear-Fractional Function," Vol. 24, No. 4, Dec. 1977, pp. 691–693.

SHETTY, C. M. and H. Vaish, "A Cutting Plane Algorithm for the Bilinear Programming Problem," Vol. 24, No. 1, Mar. 1977, pp. 83–94.

SINHA, P. and R. D. Armstrong, "The Cyclic Separation Scheduling Problem," Vol. 24, No. 4, Dec. 1977, pp. 609–618.

SOMS, A. P. and B. Harris, "Sequential Tests for Hypotheses Concerning the Product of Poisson Parameters with Applications to Problems in Reliability and Biometry," Vol. 24, No. 3, Sept. 1977, pp. 425–430.

STEDRY, A. C. and R. M. Reese, "A Chance-Constrained Distribution Problem," Vol. 24, No. 1, Mar. 1977, pp. 35–45.

INDEX TO VOLUME 24—Continued

STERN, H. I., E. P. Rodriguez, and M. L. Utter, "Cyclical Job Sequencing on Multiple Sets of Identical Machines," Vol. 24, No. 1, Mar. 1977, pp. 137–151.

SULLO, P., G. L. Jensen, and A. S. Paulson, "Explicit Steady State Solutions for a Particular $M^{(x)}/M/1$ Queueing System," Vol. 24, No. 4, Dec. 1977, pp. 651–659.

SZWARC, W., "Special Cases of the Flow-Shop Problem," Vol. 24, No. 3, Sept. 1977, pp. 483-492.

SZWARC, W. and G. K. Hutchinson, "Johnson's Approximate Method for the $3 \times n$ Job Shop Problem," Vol. 24, No. 1, Mar. 1977, pp. 153–157.

TAYLOR, J. G. and C. Comstock, "Force-Annihilation Conditions for Variable-Coefficient Lanchester-Type Equations of Modern Warfare," Vol. 24, No. 2, June 1977, pp. 349–371.

UTTER, M. L., H. I. Stern, and E. P. Rodriguez, "Cyclical Job Sequencing on Multiple Sets of Identical Machines," Vol. 24, No. 1, Mar. 1977, pp. 137–151.

AISH, H. and C. M. Shetty, "A Cutting Plane Algorithm for the Bilinear Programming Problem," Vol. 24, No. 1, Mar. 1977, pp. 83–94.

VERTINSKY, I., C. C. Huang, S. L. Brumelle, and K. Sawaki, "Optimal Control for Multi-Servers Queueing Systems under Periodic Review," Vol. 24, No. 1, Mar. 1977, pp. 127–135.

WINSTON, W., "Optimal Dynamic Rules for Assigning Customers to Servers in a Heterogeneous Queueing System," Vol. 24, No. 2, June 1977, pp. 293–300.

ZACKS, S. and S. E. Haber, "Adaptive Forecasting of the Size of a Force Subject to Random Withdrawals," Vol. 24, No. 3, Sept. 1977, pp. 493–506.

ZIA, H. W. H., C. H. Kriebel, and A. A. Atkinson, "Optimal Investment, Pricing and Replacement of Computer Resources," Vol. 24, No. 4, Dec. 1977, pp. 537–547.

ZUCKERMAN, D., "Replacement Models under Additive Damage," Vol. 24, No. 4, Dec. 1977, pp. 549–558.

☆ U. S. GOVERNMENT PRINTING OFFICE : 1978 261-252/x-1